

# INSTRUCTION MANUAL

## MAG8R 8" 2-WAY SPEAKERS



### Introduction

Thank you for purchasing MAG8R Speakers. When properly installed your new speakers will give you years of entertainment pleasure.

### Box Contents

In-ceiling speaker box contains (2) MAG8R Speakers, (2) paintable grilles and (2) mounting cut-out templates.

### Stereo Placement

#### 2-Channel

- Place the left and right speakers 6 - 10 feet (1.8m – 3m) apart, with the main listening position as close to midway between the speakers as possible.
- In most cases pivoting the woofer of each speaker directly towards main listening position will help maximize the stereo soundstage.

### Before Installation

1. Determine the location for the speaker.
2. Perform an obstruction survey using a stud finder to be certain that there are no studs, conduit, pipes, heating, ducts, pocket doors or air returns in the ceiling cavity that will interfere with the speaker. If you are unsure about obstructions, drill a small hole in the center of the outline and insert a coat hanger wire into the hole to feel around for possible obstructions.
3. **Mounting Space Requirements:**
  - 10.125" (257mm) diameter cut-out; 5.26" (134mm) depth within the mounting cavity.
4. Position the included cut-out template where the speaker is to be located and pencil an outline on the ceiling.
5. Cut the mounting hole using a keyhole or drywall saw and run the speaker wires from the mounting hole to the amplifier location.

**NOTE: CONSULT LOCAL BUILDING CODES BEFORE RUNNING SPEAKER WIRES THROUGH CEILINGS.**

### Installation

MAG8R speakers feature an exclusive, integral Roto-Lock® mounting system for quick mounting directly into existing ceilings.

1. Strip .25"-.5" (6mm – 12mm) of insulation from each speaker lead. Twist the strands or tin the exposed wire with solder to ensure that there are no stray strands. (Stray strands that touch each other can cause a short-circuit that can damage the amplifier.)
  2. The speaker's connector posts are spring-loaded. Push the top of each connector post down to open the connector and insert the exposed wires into the holes in the posts.
- The speaker's positive post is labeled with a red dot; the negative post is labeled with a black dot. Double-check that you connected amplifier "+" to speaker "+" and amplifier "-" to speaker "-".

3. Make sure all the Roto-Lock clamps are retracted so that they are tucked within the mounting hole's border. Insert the speaker into the hole in the ceiling. The Roto-Lock system can accommodate a maximum ceiling material thickness of 1.25" (32mm).

4. Tighten the four screws on the front of the speaker baffle. The Roto-Lock clamps will automatically rotate into position and begin clamping the speaker. When you notice resistance on the screws the speaker has been clamped successfully.

**IMPORTANT: Always use low-torque settings; NEVER over-tighten.**

**NOTE: ADJUSTING THE TENSION OF THE ROTO-LOCK CLAMPS SO THAT THE SPEAKER FRAME IS FLAT WILL HELP ENSURE THAT THE GRILLE CONTACTS THE CEILING ALL THE WAY AROUND THE SPEAKER FOR A PROPER FIT.**

5. The micro-trim grille is held in place by several small, powerful magnets on the speaker frame. Place the grille against the speaker and the magnets will hold it firmly in place. When properly installed, the grille trim should make contact with the wall all the way around the speaker.

### Speaker Adjustments

#### Pivoting Woofer and Tweeter

Pivoting drivers allow you to direct sound towards or away from the listening area, depending on how the speakers are being used:

- If you're using the speakers in stereo or as the front left/center/right speakers in a home theater, pivot the woofer and/or tweeter directly towards the listening area. This will help the sound from the speakers blend into a solid soundstage even if the speakers are widely separated.
- If you're using the speakers as surround channel speakers in a home theater, you can create a more diffuse, spacious surround effect by pivoting the woofer and/or tweeter towards a wall or window, away from the listeners.

#### To Pivot the Tweeter:

Apply light pressure to the plastic ring around the outside edge of the tweeter dome. Do not touch or apply pressure to the tweeter dome itself.

#### To Pivot the Woofer:

Apply pressure on the outer edge of one of the tweeter support brackets. Do not touch or apply pressure to the woofer cone.

#### MAG8R

|                     |                                    |
|---------------------|------------------------------------|
| Frequency Response: | 40Hz - 20kHz ±3dB                  |
| Impedance:          | 8 ohms nominal; 6 ohms minimum     |
| Power Handling:     | 5 watts minimum, 150 watts maximum |

## LIMITED TWO (2) YEAR WARRANTY

Sonance warrants to the first end-user purchaser that this Sonance-brand product ("MAG8R"), when purchased from an authorized Sonance Dealer/Distributor, will be free from defective workmanship and materials for the period stated below, except for the grille, which is warranted for five (5) years. Sonance will at its option and expense either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.

## EXCLUSIONS

TO THE EXTENT PERMITTED BY LAW, THE WARRANTY SET FORTH ABOVE IS IN LIEU OF, AND EXCLUSIVE OF, ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY SONANCE. ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR USE, AND IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED.

No one is authorized to make or modify any warranties on behalf of Sonance. The warranty stated above is the sole and exclusive remedy and Sonance's performance shall constitute full and final satisfaction of all obligations, liabilities and claims with respect to the Product.

IN ANY EVENT, SONANCE SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, ECONOMIC, PROPERTY, BODILY INJURY, OR PERSONAL INJURY DAMAGES ARISING FROM THE PRODUCT, ANY BREACH OF THIS WARRANTY OR OTHERWISE.

This warranty statement gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow the exclusion of implied warranties or limitations of remedies, so the above exclusions and limitations may not apply. If your state does not allow disclaimer of implied warranties, the duration of such implied warranties is limited to period of Sonance's express warranty.

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Your Product Model and Description: MAG8R Sonance Round Speakers

Warranty Period for this Product: Two (2) years from the date on the original sales receipt or invoice or other satisfactory proof of purchase.

Additional Limitations and Exclusions from Warranty Coverage: The warranty described above is non-transferable, applies only to the initial installation of the Product, does not include installation of any repaired or replaced Product, does not include damage to allied or associated equipment which may result for any reason from use with this Product, and does not include labor or parts caused by accident, disaster, negligence, improper installation, misuse (e.g. overdriving the amplifier or speaker, excessive heat or cold or humidity, outdoor installation), or from service or repair which has not been authorized by Sonance.

Obtaining Authorized Service: To qualify for the warranty, you must contact your authorized Sonance Dealer/Installer or call Sonance Customer Service at (949) 492-7777, must obtain a return merchandise number (RMA), and must deliver the Product to Sonance shipping prepaid during the warranty period, together with the original sales receipt, or invoice or other satisfactory proof of purchase.



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SONANCE • 991 Calle Amanecer • San Clemente, CA 92673 USA  
(949) 492-7777 • FAX: (949) 361-5151 • Technical Support: (949) 492-7777  
[www.sonance.com](http://www.sonance.com)